CS Hyde Company

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PRODUCT INFORMATION

15-__F Series .030” though .125” Film made with

Product Description:

The 15-__F series is used in a variety of industries from Food and Beverage, Pharmaceutical, Electrical applications, Petrochemical and chemical processing, Laboratory applications, and bearing pads to name a few. Teflon® is one of the best insulators known, and is chemically inert; the operating temperature ranges from -350ºF up to +550ºF and is FDA approved.

Performance & Application Information:

PTFE is easily machined using standard mechanical tolling and stamping equipment. Skived PTFE (Polytetrafluoroethylene) film: Sold by the sheet, lineal Foot, continuous footage, slit width, die cut, laminated. Material is super slippery, extreme temperature, chemical resistance. Used as release sheet. PTFE is used in electrical applications where high temperature service rating and superior electrical properties are desired.

Examples of electrical applications: capacitor films, harnesses for electrical wiring in automotive and aerospace applications, spacers for transformers and other electrical insulation applications where high dielectric strength and high temperature resistance are requisite. Virgin Grade, General Purpose - No Adhesive / White Color.

TYPICAL PROPERTIES

	15-30F	**15-40F**	**15-60F**	**15-90F**	**15-125F**
Backing Material	Virgin PTFE Film				
Thickness	.030”	.040”	.060”	.090”	.125”
Sheet Stock (width)	12” to 48”				

Note: The above are “typical values” which have a nominal range about them and are not intended for specification purposes. Teflon® is a registered trademark of DuPont.

Length	custom
Specification Sheet	AMS 3652 / Mil-P-22241
Tensile Strength	>1500 psi
Elongation at Break	200% +/-
Dielectric Strength (i.e. – Breakdown voltage)	500 volts per mil

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